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Cell line: 23132/87
 Cell type: human gastric adenocarcinoma
 DSMZ no.: ACC 201
 Origin: established from the primary tumor of a 72-year-old man with gastric adenocarcinoma in 1987
 References: Vollmers et al., Virchows Arch B Cell Pathol Incl Mol Pathol 63: 335-344 (1992) PubMed ID [8100658](#)
 Depositor: Dr. H. P. Vollmers, Institute for Pathology, Würzburg, Germany

DSMZ Cell Culture Data

Morphology: adherent epithelial cells growing as confluent monolayers
 Medium: 90% RPMI 1640 + 10% FBS
 Subculture: split confluent culture 1:8 every 5-6 days using trypsin/EDTA; seed into 10⁶/25 cm² flask; initially after thawing, cells may grow slowly and are not fully adherent
 Incubation: at 37 °C with 5% CO₂
 Doubling time: about 50 hours
 Harvest: cell harvest of about 0.3 x 10⁶ cells/cm²
 Storage: frozen with 70% medium, 20% FBS, 10% DMSO at about 1-3 x 10⁶ cells

DSMZ Scientific Data

Mycoplasma: contamination was eliminated with Ciprobay (ciprofloxacin), then negative microbiological culture, RNA hybridization assays
 Immunology: cytokeratin +, cytokeratin-7 +, cytokeratin-8 +, cytokeratin-17 +, cdx2 +, desmin -, endothel -, GFAP -, neurofilament -, vimentin -; (initially published by the originators showed negativity, we found the cells to be cytokeratin-7)
 Fingerprint: multiplex PCR of minisatellite markers revealed a unique DNA profile
 Species: confirmed as human with IEF of AST, MDH
 Cytogenetics: human hypertetraploid karyotype with 12% polyploidy - 47(45-52)X,-(1;15)(p11;p11), t(6;12)(p21;q21), i(13q), t(13;14)(p10;q10) - clone resembles published karyotype
 Molec. Genetics:
 Viruses: ELISA: reverse transcriptase negative; PCR: EBV -, HBV -, HCV -, HTLV-I/II -

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